ABSTRACT

An apparatus for bit stream buffering and demultiplexing for a DVD Audio decoder system uses one demultiplexer to demultiplex both an audio program stream and an audio still video program stream. Demultiplexed audio still video data in the elementary form is stored in the ASVU buffer. Storing elementary data in the ASVU buffer reduces the storage space and allows the system to check for syntax errors in the program stream level earlier. The demultiplexer also generates an audio still video address pointer table indicating the access address for each audio still video object, thus allowing fast random access by the decoder.